UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,241,447 B1

Page 1 of 2

APPLICATION NO.: 09/684554

DATED

: July 10, 2007

INVENTOR(S)

: Engelhardt et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, Item (56), under "Other Publications", in column 2, line 2, delete "seperate" and insert -- separate --, therefor.

On Title page, page 2, Item (56), under "Other Publications", in column 1, line 15, delete "intregrated" and insert -- integrated --, therefor.

On Title page, page 2, Item (56), under "Other Publications", in column 1, line 23, delete "expression of" and insert -- expression of --, therefor.

On Title page, page 2, Item (56), under "Other Publications", in column 1, line 32, delete "toneomycin" and insert -- to neomycin --, therefor.

On Title page, page 2, Item (56), under "Other Publications", in column 2, line 44, delete "fachion" and insert -- fashion --, therefor.

On Title page, page 2, Item (56), under "Other Publications", in column 2, line 56, delete "adeno-assicated" and insert -- adeno-associated --, therefor.

On Title page, page 3, Item (56), under "Other Publications", in column 1, line 11, delete "Adeno-assicated" and insert -- Adeno-associated --, therefor.

On sheet 9 of 53, in Fig. (3F), line 2 (Y-Axis), before "INTERMEDIATES" delete "CIRCULAR".

In column 8, line 64, delete "arguments" and insert -- augments --, therefor.

In column 12, line 15, delete "p79" and insert -- p1202 --, therefor.

In column 13, lines 26-27, delete "E. Coli" and insert -- E. coli --, therefor.

In column 13, line 34, delete "1/5" and insert -- 1/5th --, therefor.

In column 17, line 57, after "readily" delete "A".

In column 17, line 65, delete "Enzmmol.," and insert -- Enzymol., -- therefor.

In column 24, line 56, delete "ethylenvinyl" and insert -- ethylenevinyl --, therefor.

In column 35, line 26, delete "E. Coli" and insert -- E. coli --, therefor.

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In column 35, line 54 (Approx.), delete "Intermediates" and insert -- Intermediates^c --, therefor.

In column 36, line 9 (Approx.), delete "Intermediates" and insert -- Intermediates --. therefor.

In column 36, line 28 (Approx.), delete "approximately3×10¹⁰" and insert -- approximately 3×10^{10} --, therefor.

In column 37, line 34, delete " 3×1010 " and insert -- 3×10^{10} --, therefor.

In column 41, line 55, delete "hematopoetic" and insert -- hematopoietic --, therefor.

In column 54, line 65, delete "E. Coli" and insert -- E. coli --, therefor.

In column 56, line 39, delete "PBQCFTR" and insert -- pBQCFTR --, therefor.

In column 59, line 7 (Approx.), delete "Chatteijee" and insert -- Chatterjee --, therefor.

In column 69, line 22, in Claim 8, after "promoter" delete ".".

In column 71, line 17, in Claim 31, delete "claim 19" and insert -- claim 8 --, therefor.

Signed and Sealed this

First Day of July, 2008

JON W. DUDAS Director of the United States Patent and Trademark Office